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| COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY <small>(Includes Reference to PCT International Applications)</small> | Attorney's Docket Number 091-0144 | U.S. Application No. (if known) |
|---|--------------------------------------|---------------------------------|

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHASED ARRAY ANTENNA ARCHITECTURE HAVING DIGITALLY CONTROLLED CENTRALIZED BEAM FORMING

the specification of which

is attached hereto

OR

was filed as United States Application Number or PCT International Application Number _____

on _____

and was amended

on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States, §119 (e) of any United States provisional application(s) listed below.

(Application Number) _____ (Filing Date) _____

(Application Number) _____ (Filing Date) _____

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) or §365 of any foreign application(s) for patent or inventor's certificate or §365 (a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

| COUNTRY (if PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 USC 119 |
|-------------------------------------|--------------------|--------------------------------------|--|
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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|--|--|--------------------------------|---|---------|
| Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications) | | | Attorney's Docket Number 091-0144 | |
| <p>I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365 of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:</p> | | | | |
| PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120: | | | | |
| U.S. APPLICATIONS | | | STATUS (Check one) | |
| U.S. APPLICATION NUMBER | | U.S. FILING DATE | PATENTED | PENDING |
| | | | | |
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| PCT APPLICATIONS DESIGNATING THE U.S. | | | | |
| PCT APPLICATION NO. | | PCT FILING DATE | U.S. SERIAL NUMBERS ASSIGNED (if any) | |
| | | | | |
| <p>POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number): Charles T. Silberberg, Reg. No. 26,584; Harry B. Field, Reg. No. 27,880; Henry G. Kohlmann, Reg. No. 26,672; Terje Gudmestad, Reg. No. 32,232; John R. Rafter, Reg. No. 28,533; William C. Anderson, Reg. No. 28,147 and Thomas W. Hennen, Reg. No. 27,798; John C. Hammar, Reg. No. 29,928; Lawrence W. Nelson, Reg. No. 34,684; David J. Clement, Reg. No. 44,082; Ann K. Galbraith, Reg. No. 33,530; Robert L. Gullette, Reg. No. 26,899; Bryan C. Ogden, Reg. No. 25,362; Nicholas T. Baus, Reg. No. 41,604; all attorneys for The Boeing Company, Chicago, Cook County, Illinois; and Michael A. Shimokaji, Reg. No. 32,303 and each principal, attorney of counsel, associate and employee of Shimokaji Fritz LLP, who is a registered Patent Attorney or Agent, including; David Bowls, Reg. No. 39,915; Gudrun Passlack, Reg. No. 47,847; Rouz Tabaddor, Reg. No. 45,312; Michael Ries, Reg. No. 53,518 and Euclid Woo, Reg. No. 45,838.</p> | | | | |
| Send Correspondence to: | | | Direct Telephone Calls to: (name and telephone number) | |
| DiPINTO & SHIMOKAJI, P.C. 1301 Dove Street Suite 480 Newport Beach, CA 92660 | | | Michael A. Shimokaji (949) 223-0838 | |
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| | POST OFFICE ADDRESS | CITY | STATE & ZIP CODE/COUNTRY | |
| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p> | | | | |
| SIGNATURE OF INVENTOR 201  | SIGNATURE OF INVENTOR 202  | SIGNATURE OF INVENTOR 203 | | |

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| DATE Oct 29, 2003 | DATE Oct 29, 2003 | DATE |
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| Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications) | Attorney's Docket Number 091-0144 |
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| 204 | FULL NAME OF INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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|---------------------------|---------------------------|---------------------------|
| SIGNATURE OF INVENTOR 204 | SIGNATURE OF INVENTOR 205 | SIGNATURE OF INVENTOR 206 |
| DATE | DATE | DATE |